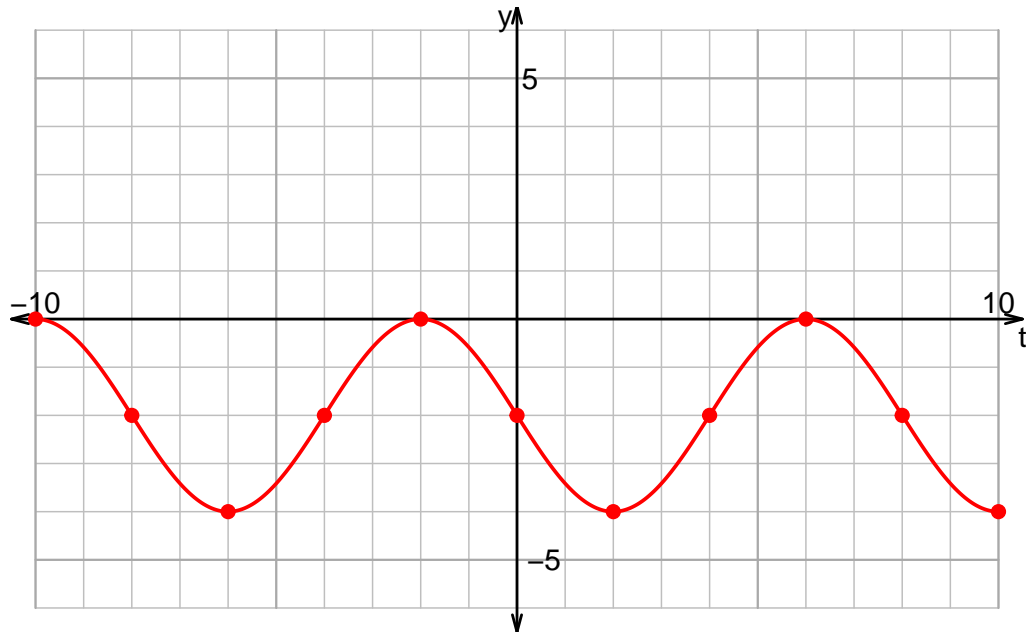


Name: \_\_\_\_\_

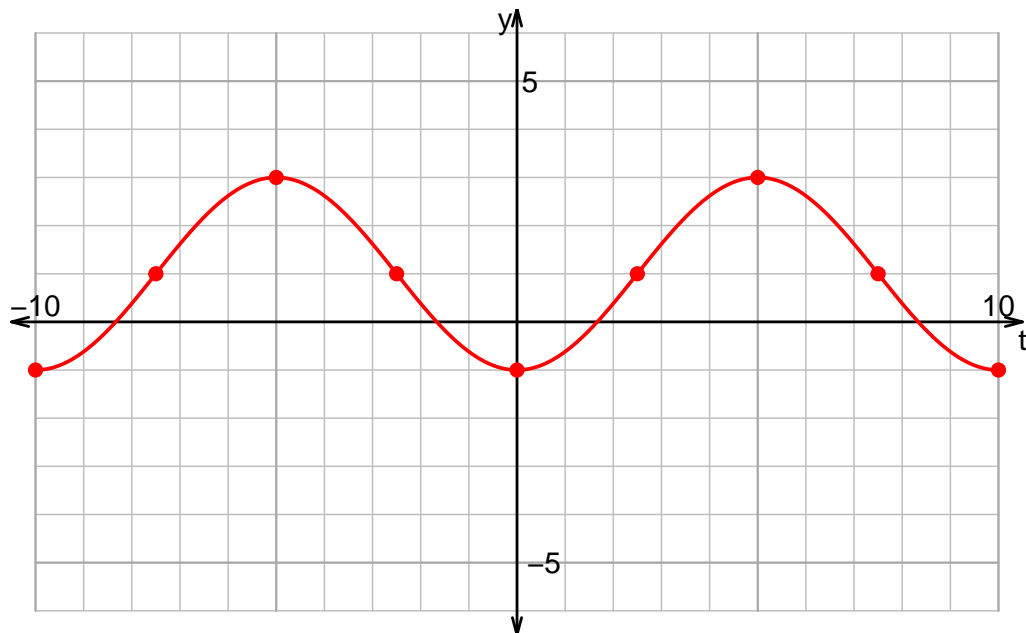
Date: \_\_\_\_\_

### U15WS2: DRAW WAVES (SOLUTION v21)

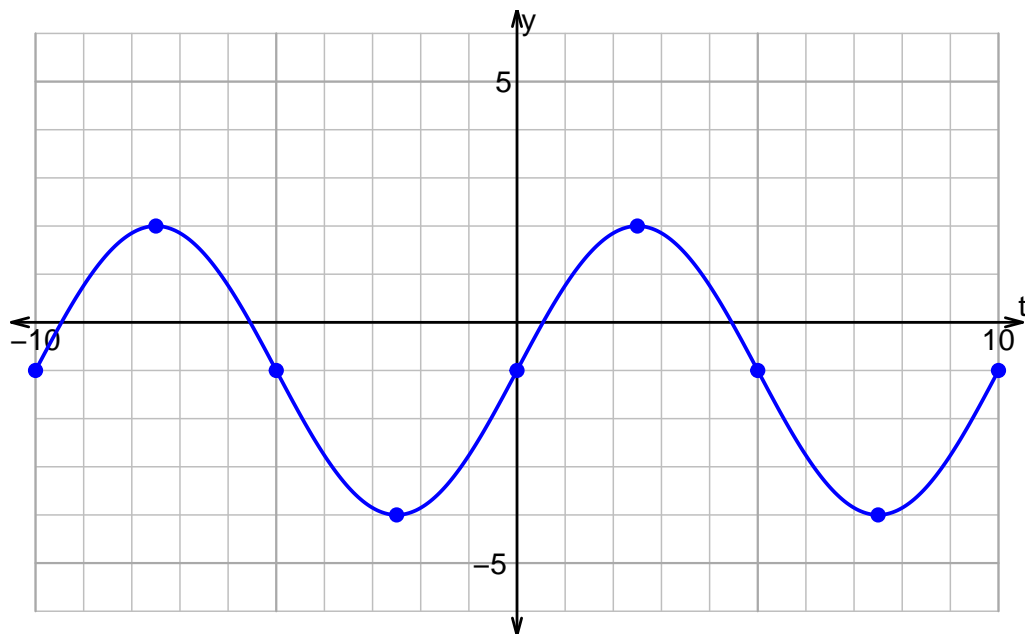
1. Plot  $y = -2 \sin\left(\frac{\pi}{4}t\right) - 2$ .



2. Plot  $y = -2 \cos\left(\frac{\pi}{5}t\right) + 1$ .

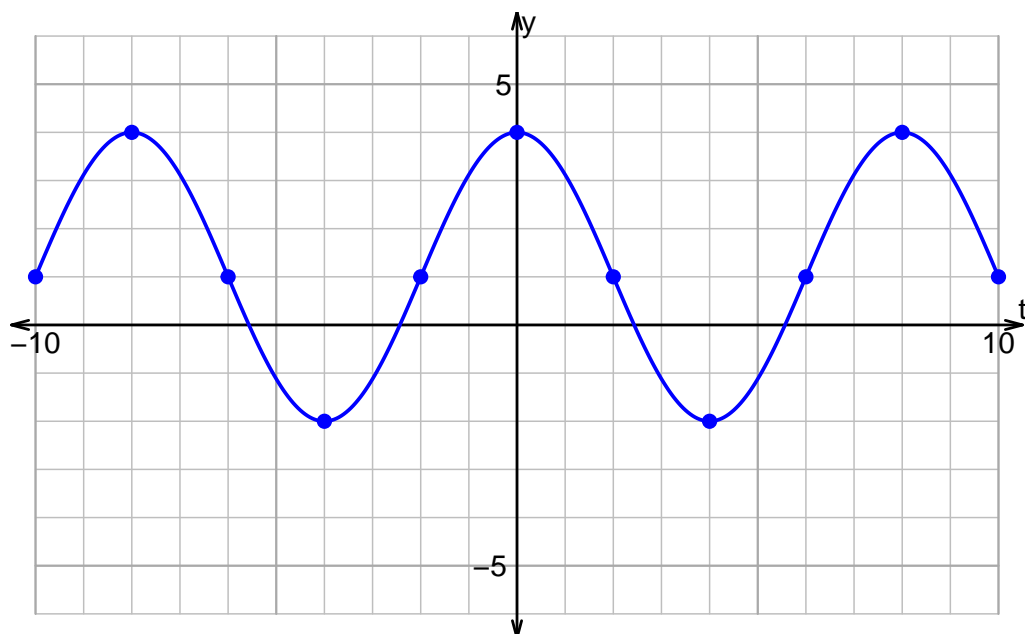


3. Give an equation for the plot below:



$$y = 3 \sin \left( \frac{\pi}{5} t \right) - 1$$

4. Give an equation for the plot below:



$$y = 3 \cos \left( \frac{\pi}{4} t \right) + 1$$